

FIG. 1

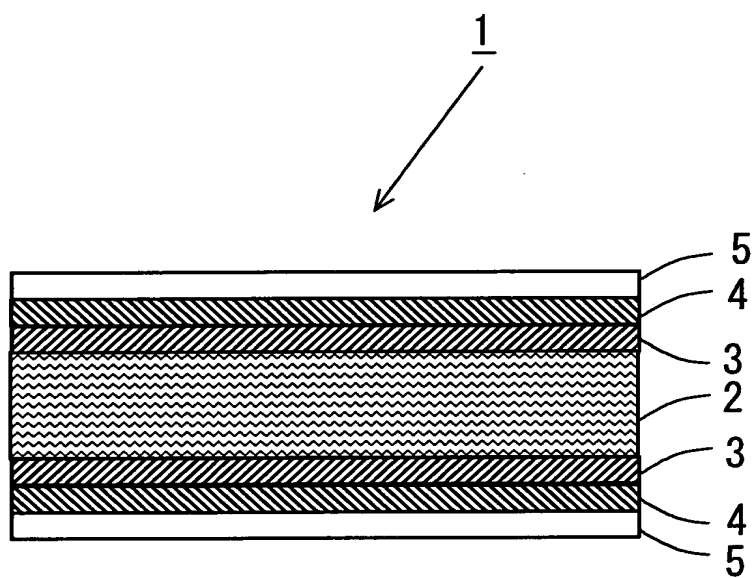


FIG. 2

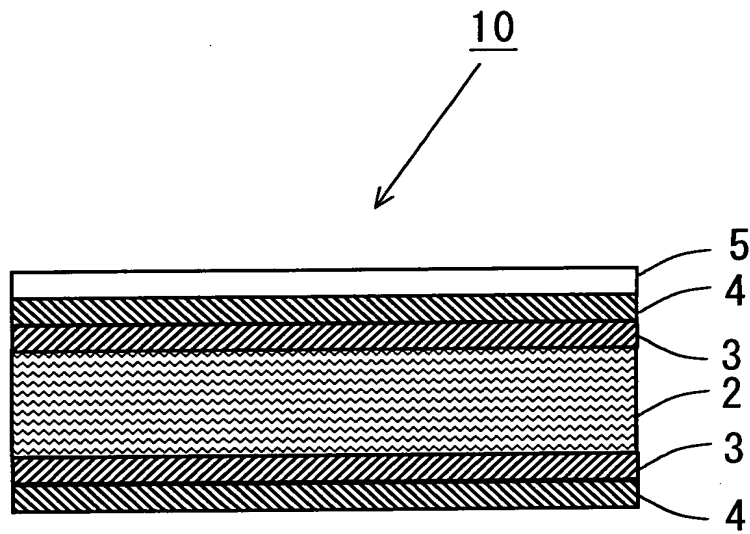


FIG. 3

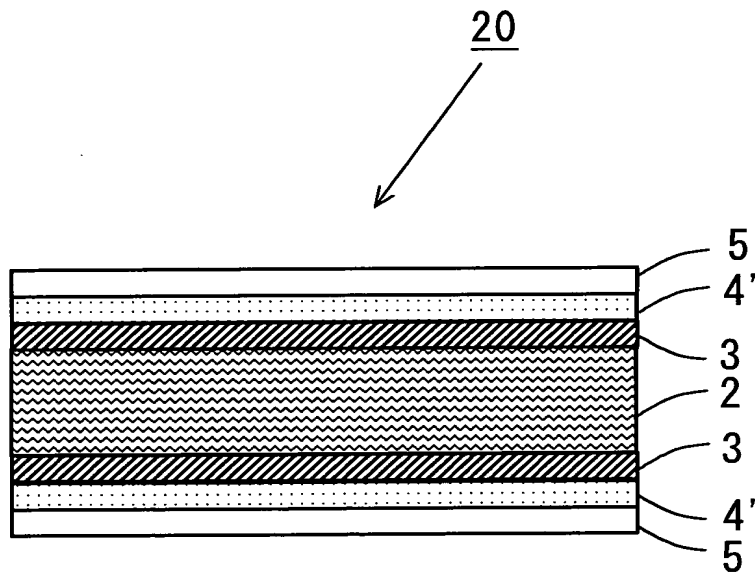


FIG. 4

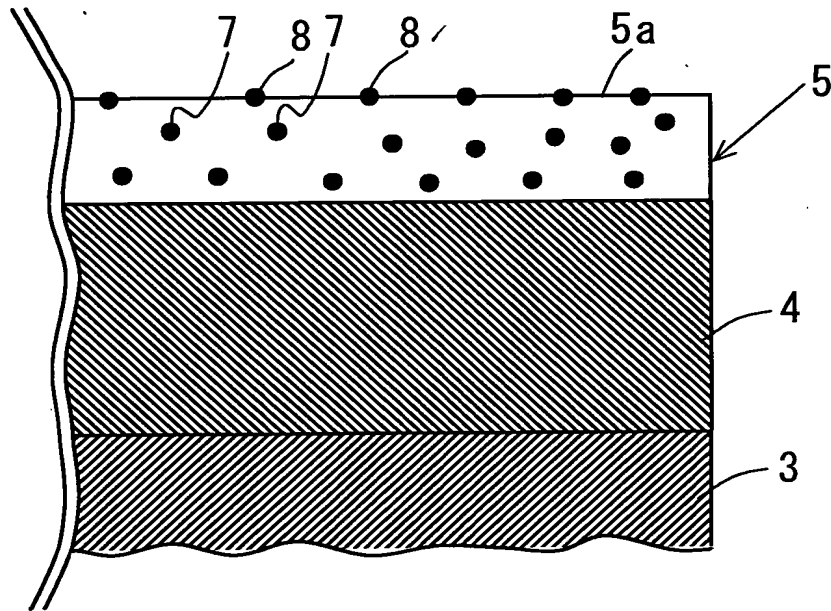
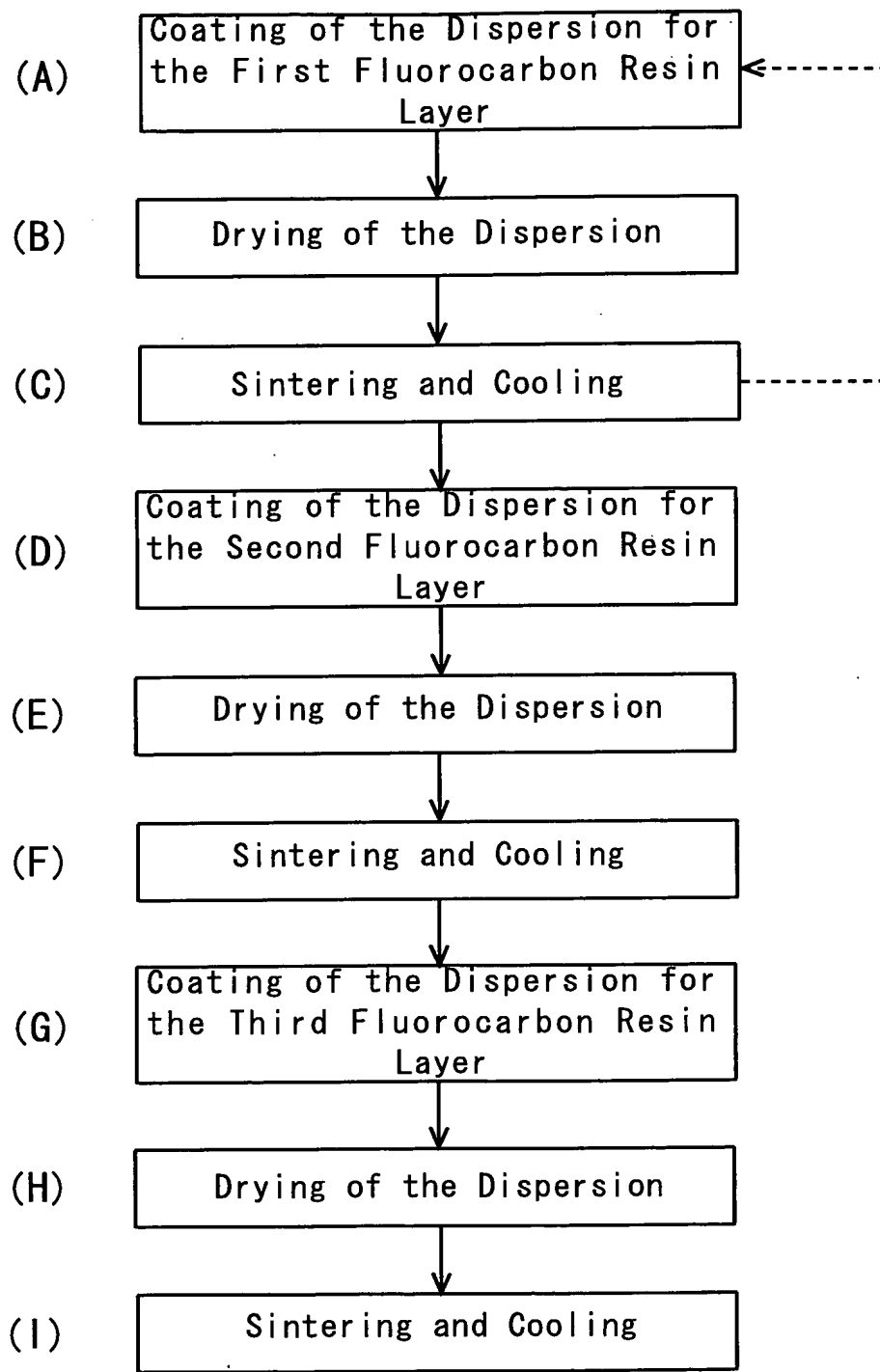


FIG. 5



## FIG. 6

FEP Dispersion (kg)	TiO <sub>2</sub> Dispersion (kg)	Water (kg)	Surface Active Agent (kg)	Total Mass (kg)	FEP:TiO <sub>2</sub> (Mass Ratio)
21	62. 8	94. 4	1. 8	180	40:60

## FIG. 7

FEP Dispersion (kg)	TiO <sub>2</sub> Dispersion (kg)	Water (kg)	Surface Active Agent (kg)	Total Mass (kg)	FEP:TiO <sub>2</sub> (Mass Ratio)
42. 3	54. 4	81. 5	1. 8	180	60:40

**FIG. 8**

FEP Dispersion (kg)	TiO <sub>2</sub> Dispersion (kg)	Water (kg)	Surface Active Agent (kg)	Total Mass (kg)	FEP:TiO <sub>2</sub> (Mass Ratio)
58. 9	48. 6	70. 7	1. 8	180	70:30

## FIG. 9

FEP Dispersion (kg)	TiO <sub>2</sub> Dispersion (kg)	Water (kg)	Surface Active Agent (kg)	Total Mass (kg)	FEP:TiO <sub>2</sub> (Mass Ratio)
80. 9	39	58. 3	1. 8	180	80:20

## FIG. 10

FEP Dispersion (kg)	TiO <sub>2</sub> Dispersion (kg)	Water (kg)	Surface Active Agent (kg)	Total Mass (kg)	FEP:TiO <sub>2</sub> (Mass Ratio)
117. 6	25. 2	35. 4	1. 8	180	90:10

## FIG. 11

FEP Dispersion (kg)	TiO <sub>2</sub> Dispersion (kg)	Water (kg)	Surface Active Agent (kg)	Total Mass (kg)	FEP:TiO <sub>2</sub> (Mass Ratio)
14. 6	65. 7	97. 9	1. 8	180	30:70

## FIG. 12

FEP Dispersion (kg)	TiO <sub>2</sub> Dispersion (kg)	Water (kg)	Surface Active Agent (kg)	Total Mass (kg)	FEP:TiO <sub>2</sub> (Mass Ratio)
8. 8	67. 5	101. 9	1. 8	180	20:80

## FIG. 13

FEP Dispersion (kg)	TiO <sub>2</sub> Dispersion (kg)	Water (kg)	Surface Active Agent (kg)	Total Mass (kg)	FEP:TiO <sub>2</sub> (Mass Ratio)
4. 1	70. 2	103. 9	1. 8	180	10:90

FIG. 14

Sample	FEP:TiO <sub>2</sub> (Mass Ratio)	Evaluation of Thermal Bondability	Evaluation of Antifouling
Example 1	40:60	○	○
Example 2	60:40	○	○
Example 3	70:30	○	○
Example 4	80:20	○	○
Example 5	90:10	○	△
Example 6	60:40	○	○
Comparative Example 1	30:70	×	△
Comparative Example 2	20:80	×	△
Comparative Example 3	10:90	×	△
Comparative Example 4	100:0	○	×

FIG. 15

Sample	FEP:TiO <sub>2</sub> (Mass Ratio)	Decomposition of Oleic Glyceride			Color Difference ΔE*	Measurement of Contact Angle with Water (degrees)		Evaluation of Thermal Weldability	Evaluation of Antifouling	Overall Evaluation
		Coated (mg)	Decomposed (mg)	Rate of Decomposition (mg/cm <sup>2</sup> ·day)		Right after Manufacture	After UV Irradiation			
Example 1	40:60	106	14	0.56	27.27	119.2	107.0	○	○	○
Example 2	60:40	111	10	0.40	28.02	110.2	104.7	○	○	○
Example 3	70:30	119	10	0.40	16.66	112.0	106.3	○	○	○
Example 4	80:20	113	11	0.52	13.10	114.3	111.9	○	○	○
Example 5	90:10	117	10	0.40	4.94	110.4	109.2	○	△	○
Example 6	60:40	111	10	0.40	28.02	110.2	104.7	○	○	○

FIG. 16

Sample	FEP:TiO <sub>2</sub> (Mass Ratio)	Decomposition of Oleic Glyceride			Color Difference ΔE*	Measurement of Contact Angle with Water (degrees)		Evaluation of Thermal Weldability	Evaluation of Antifouling	Overall Evaluation
		Coated (mg)	Decomposed (mg)	Rate of Decomposition (mg/cm <sup>2</sup> ·day)		Right after Manufacture	After UV Irradiation			
Comparative Example 1	30:70	106	15	0.60	26.83	123.7	106.0	x	Δ	x
Comparative Example 2	20:80	117	12	0.48	26.00	120.8	105.4	x	Δ	x
Comparative Example 3	10:90	114	11	0.44	28.21	108.9	80.5	x	Δ	x
Comparative Example 4	100:0	---	---	---	---	---	---	○	x	x